

Abstract of the Disclosure:

A method of adapting color values, which have been produced for a first printing process to a second printing process, is performed so that the visual impressions of the colors in the two printing processes are identical. Starting from a first printing process adaptation U without maintaining the black build-up, which transforms the color values  $[C1, M1, Y1, K1]$  of the first printing process into color values  $[C2, M2, Y2, K2]_U$  of the second printing process, and a second printing process adaptation V while maintaining the black build-up, which transforms the color values  $[C1, M1, Y1, K1]$  of the first printing process into color values  $[C2, M2, Y2, K2]_V$  of the second printing process, a new printing process adaptation W is determined by weighted averaging of the transformed color values  $[C2, M2, Y2, K2]_U$  and  $[C2, M2, Y2, K2]_V$ .

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